

SYSTEM AND METHOD FOR DISPLAYING INFORMATION ON THE
SCREEN OF A USER INTERFACE DEVICE UNDER THE
CONTROL OF A DIGITAL AUDIO PLAYBACK DEVICE

ABSTRACT OF THE DISCLOSURE

There is disclosed a digital audio playback device (DAPD) comprising: 1) an external interface for coupling to a connected processing system that executes a user interface application program that accesses and controls the digital audio playback device via the external interface; 2) a memory coupled to the external interface for storing a reverse DAPD application programming interface (API); and 3) a processor coupled to the memory and the external interface for executing the reverse DAPD API. The reverse DAPD API causes the processor to access and control a user interface operated by the user interface application program displayed on a monitor screen of the connected processing system. There also is disclosed a reverse DAPD API that is implemented in the connected processing system. Accordingly, the processing system comprises: 1) an external interface for coupling to the connected digital audio playback device; 2) a memory coupled to the external interface for storing a user interface application program that accesses and controls the digital audio playback device and for storing the reverse DAPD application programming interface (API); and 3) a

processor coupled to the memory and the external interface for
executing a user interface application program and the reverse
DAPD API. The reverse DAPD API communicates with the digital
audio playback device and enables the digital audio playback
5 device to access and control a user interface associated with
the user interface application program displayed on a monitor
screen.